

Title (en)

SYSTEM AND METHOD FOR THE AUTOMATED PRODUCTION OF A WIRING HARNESS

Title (de)

ANLAGE SOWIE VERFAHREN ZUM AUTOMATISIERTEN HERSTELLEN EINES KABELSATZES

Title (fr)

INSTALLATION ET PROCÉDÉ DE FABRICATION AUTOMATISÉE D'UN FAISCEAU DE CÂBLES

Publication

EP 3580020 A1 20191218 (DE)

Application

EP 18717890 A 20180409

Priority

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- EP 2018059018 W 20180409

Abstract (en)

[origin: WO2018189104A1] The system (2) is used for the automated production of a wiring harness (3), which has a branched structure consisting of a plurality of individual conductor elements (22). To form wiring harnesses (3) with an individual branched structure, the conductor elements (22) are automatically brought into a predefined distribution structure, using a plurality of second rails (50) oriented in parallel with one another and a plurality of second transporters (48) distributed on the second rails (50) to do so. The second transporters (48) are each provided with one wire end of the conductor elements (22). To form the distribution structure, the second rails are then moved in a vertical direction (14) and the second transporters (48) are moved along the second rail (50). In this spread-out structure, further processing steps, such as fixing the conducting elements (22) to each other, are then performed.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2018189104A1

Cited by

CN113410798A

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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